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## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/981,666	10/17/2001	Wayne C. Roach	052050-0007

CONFIRMATION NO. 6624  
FORMALITIES LETTER

Daniel H. Golub  
Morgan Lewis & Bockius LLP  
1701 Market Street  
Philadelphia, PA 19103



\*OC000000007113826\*

Date Mailed: 11/23/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

04/24/2002 AOSMANI 00000050 09981666

01 FC:201	370.00 OP	FILED UNDER 37 CFR 1.53(b)
02 FC:202	294.00 OP	
03 FC:203	45.00 OP	
04 FC:205	65.00 OP	<i>Filing Date Granted</i>
05 FC:217	460.00 OP	

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$678.
  - \$90 for 5 total claims over 20.
  - \$588 for 7 independent claims over 3 .
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1548.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);
  - Drawings must be reasonably free from erasures and must be free from alterations.

overwritings, interlineations, folds, and copy marks.

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*A copy of this notice **MUST** be returned with the reply.*

*Christy Young*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

APR 22 2002  
U.S. PATENT AND TRADEMARK OFFICE

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Roach et al.

Serial No.: 09/981,666

Attorney Docket No.: 052050-0007

Filed: October 17, 2001

For: Broadband Network System and  
Associated Method

**RESPONSE TO NOTICE TO FILE  
MISSING PARTS OF APPLICATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts of Application Filing Date Granted mailed November 23, 2001, enclosed are the following:

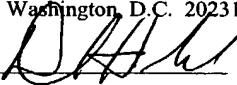
1. Combined Declaration and Power of Attorney executed by DeAngelo;
2. Combined Declaration and Power of Attorney executed by Roach and Pascal;
3. Assignment and Recordation Cover Sheet for DeAngelo;
4. Assignment and Recordation Cover Sheet for Roach and Pascal;
5. 17 Sheets of Substitute Drawings in compliance with 37 CFR 1.84;
6. A copy of the Notice to File Missing Parts (Form PTO-1533);
7. Petition for Three-Month Extension of Time;
8. Check in the amount of \$1314.00; and
9. Self-addressed stamped return postcard.

Applicant hereby asserts status as a small entity under 37 C.F.R. § 1.27.

**CERTIFICATE OF MAILING (37 C.F.R. § 1.8)**

I hereby certify that this paper, and the papers and/or fees referred to herein as transmitted, submitted or enclosed, are being deposited on the date shown below with the U.S. Postal Service with sufficient postage as first-class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Name Daniel H. Golub

Signature 

Date of Deposit April 11, 2002

The Commissioner is hereby authorized to charge any deficiencies or credit any overpayments in connection with this submission to Deposit Account No. 50-0310. A duplicate copy of this page is enclosed.

Respectfully submitted,



Daniel H. Golub  
Registration No. 33,701

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Dated: April 11, 2002